IEEE Xplore RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Session History BROWSE SEARCH IEEE XPLORE GUIDE

Mon, 5 Jun 2006, 10:19:01 AM EST

Edit an existing query or compose a new query in the Search Query Display.

Select a search number (#) to:

- Add a query to the Search Query Display
- Combine search queries using AND, OR, or NOT
- Delete a search
- Run a search

Search Query Display

[redacted]

Recent Search Queries

#1	((product<sentence>model* and manufacturing<paragraph>region? and faces<paragraph>edges)<in>metadata)
#2	product<sentence>model* and manufacturing and region? and faces and edges
#3	product<sentence>model* and manufacturing and region? and faces and edges
#4	((product<sentence>model* and manufacturing and region? and faces and edges)<AND>(product<sentence>model* and manufacturing and region? and faces<paragraph>edges<in>metadata))
#5	product<paragraph>model* and manufacturing<paragraph>region? and faces and edges
#6	product<paragraph>model* and manufacturing<paragraph>region? and faces and edges

[redacted]

Help Contact Us Privac

© Copyright 2006 IE

Indexed by Inspec®

IEEE Xplore® RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

Results for "((product<sentence>model* and manufacturing and region? and faces and edges)<and>(produc..."

e-mail

Your search matched 1 of 184 documents.

A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

((product<sentence>model* and manufacturing and region? and faces and edges)<a Search

Check to search only within this results set

» Key

Display Format: Citation Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All

1. **Broadband impedance matching for inductive interconnect in VLSI packages**
La Meres, B.; Khairi, S.P.;
Computer Design, 2005. Proceedings. 2005 International Conference on
2-5 Oct. 2005 Page(s):683 - 688
Digital Object Identifier 10.1109/ICCD.2005.35
AbstractPlus | Full Text: PDF(424 KB) IEEE CNF
Rights and Permissions

Help Contact Us Privac

Indexed by Inspec®

© Copyright 2006 IE

IEEE Xplore® RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

Results for "product<paragraph>model" and manufacturing<paragraph>region? and faces and edges" e-mail
Your search matched 52 of 1351415 documents.
A maximum of 100 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

product<paragraph>model" and manufacturing<paragraph>region? and faces and ed Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All View

1. **Edge-based identification of DP-features on free-form solids**
Lim, T.; Medellin, H.; Torres-Sanchez, C.; Corney, J.R.; Ritchie, J.M.; Davies, J.B.C.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 27, Issue 6, Jun 2005 Page(s):851 - 860
Digital Object Identifier 10.1109/TPAMI.2005.118
AbstractPlus | Full Text: PDF(1520 KB) IEEE JNL
Rights and Permissions

2. **Spatial reasoning for the automatic recognition of machinable features in solid models**
Vandenbrande, J.H.; Requicha, A.A.G.;
Pattern Analysis and Machine Intelligence, IEEE Transactions on
Volume 15, Issue 12, Dec. 1993 Page(s):1269 - 1285
Digital Object Identifier 10.1109/34.250845
AbstractPlus | Full Text: PDF(1580 KB) IEEE JNL
Rights and Permissions

3. **49th Annual Device Research Conference (papers in summary form only received)**
Electron Devices, IEEE Transactions on
Volume 38, Issue 12, Dec 1991
Digital Object Identifier 10.1109/16.158768
AbstractPlus | Full Text: PDF(3996 KB) IEEE JNL
Rights and Permissions

4. **Finding all stable orientations of assemblies with friction**
Mattikalli, R.; Baraff, D.; Khosla, P.;
Robotics and Automation, IEEE Transactions on
Volume 12, Issue 2, April 1996 Page(s):290 - 301
Digital Object Identifier 10.1109/70.488948
AbstractPlus | References | Full Text: PDF(2000 KB) IEEE JNL
Rights and Permissions

5. **A full-wave electromagnetic model for the waveguide-to-strip-line coupler using vias for con plate modes**
Ostergaard, A.;
Microwave Theory and Techniques, IEEE Transactions on
Volume 48, Issue 2, Feb. 2000 Page(s):226 - 238
Digital Object Identifier 10.1109/22.821768

AbstractPlus | References | Full Text: PDF(432 KB) IEEE JNL
Rights and Permissions

6. **Semiconductors: The key to computational plenty**
Jones, M.E.; Holton, W.C.; Stratton, R.;
Proceedings of the IEEE
Volume 70, Issue 12, Dec. 1982 Page(s):1380 - 1409
AbstractPlus | Full Text: PDF(4787 KB) IEEE JNL
Rights and Permissions

7. **Long-wavelength vertical-cavity lasers and amplifiers**
Karim, A.; Bjorlin, S.; Piprek, J.; Bowers, J.E.;
Selected Topics in Quantum Electronics, IEEE Journal of
Volume 6, Issue 6, Nov.-Dec. 2000 Page(s):1244 - 1253
Digital Object Identifier 10.1109/2944.902174
AbstractPlus | References | Full Text: PDF(208 KB) IEEE JNL
Rights and Permissions

8. **Designing electronic engines with electronic engines: 40 years of bootstrapping of a techno**
Jess, J.A.G.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 19, Issue 12, Dec. 2000 Page(s):1404 - 1427
Digital Object Identifier 10.1109/43.898824
AbstractPlus | References | Full Text: PDF(280 KB) IEEE JNL
Rights and Permissions

9. **On the interplay between meshing and discretization in three-dimensional diffusion simulati**
Kosik, R.; Fleischmann, P.; Haindl, B.; Pietra, P.; Selberherr, S.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 19, Issue 11, Nov. 2000 Page(s):1233 - 1240
Digital Object Identifier 10.1109/43.892848
AbstractPlus | References | Full Text: PDF(184 KB) IEEE JNL
Rights and Permissions

10. **Feature transformations between application-specific feature spaces**
Shah, J.J.;
Computer-Aided Engineering Journal
Volume 5, Issue 6, Dec. 1988 Page(s):247 - 255
AbstractPlus | Full Text: PDF(552 KB) IEE JNL

11. **Enhancing Ultrasonic Bond Development**
Winchell, V., II; Berg, H.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans
Packaging, and Manufacturing Technology, Part A, B, C]
Volume 1, Issue 3, Sep 1978 Page(s):211 - 219
AbstractPlus | Full Text: PDF(1976 KB) IEEE JNL
Rights and Permissions

12. **Design of ion-implanted MOSFET's with very small physical dimensions**
Dennard, R.H.; Gaensslen, F.H.; Rideout, V.L.; Bassous, E.; LeBlanc, A.R.;
Solid-State Circuits, IEEE Journal of
Volume 9, Issue 5, Oct 1974 Page(s):256 - 268
AbstractPlus | Full Text: PDF(1624 KB) IEEE JNL
Rights and Permissions

13. **Recent developments in evolutionary computation for manufacturing optimization: problem comparisons**
Dimopoulos, C.; Zalzala, A.M.S.;

Evolutionary Computation, IEEE Transactions on
Volume 4, Issue 2, July 2000 Page(s):93 - 113
Digital Object Identifier 10.1109/4235.850651

AbstractPlus | References | Full Text: PDF(412 KB) IEEE JNL
Rights and Permissions

☐ **14. Applications of single-wafer rapid-thermal processing to the manufacture of advanced flash**
Kuang-Chao Chen; Hsueh-Hao Shih; Yaw-Lin Hwang; Cheng-Chen Hsueh; Chung, H.; Pan, S.; Ch
Semiconductor Manufacturing, IEEE Transactions on
Volume 16, Issue 2, May 2003 Page(s):128 - 137
Digital Object Identifier 10.1109/TSM.2003.810942

AbstractPlus | References | Full Text: PDF(1212 KB) IEEE JNL
Rights and Permissions

☐ **15. System-level reliability assessment of mixed-signal convergent microsystems**
Pucha, R.V.; Hegde, S.; Damani, M.; Tunga, K.; Perkins, A.; Mahalingam, S.; Ramakrishna, G.; Lo
Ahmad, J.; Sitaraman, S.K.;
Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing
Advanced Packaging, IEEE Transactions on]
Volume 27, Issue 2, May 2004 Page(s):438 - 452
Digital Object Identifier 10.1109/TADVP.2004.830357

AbstractPlus | References | Full Text: PDF(1408 KB) IEEE JNL
Rights and Permissions

☐ **16. Shape models in computer integrated manufacture-a review**
Woodwark, J.;
Computer-Aided Engineering Journal
Volume 5, Issue 3, June 1988 Page(s):103 - 112

AbstractPlus | Full Text: PDF(1568 KB) IEE JNL

☐ **17. EDA in IBM: past, present, and future**
Darringer, J.; Davidson, E.; Hathaway, D.J.; Koenemann, B.; Lavin, M.; Morrell, J.K.; Rahmat, K.; F
Schanzenbach, E.; Tellez, G.; Trevillyan, L.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 19, Issue 12, Dec. 2000 Page(s):1476 - 1497
Digital Object Identifier 10.1109/43.898827

AbstractPlus | References | Full Text: PDF(320 KB) IEEE JNL
Rights and Permissions

☐ **18. Electrostatic fields and current-flow impact on whisker growth**
Hilty, R.D.; Corman, N.E.; Herrmann, H.;
Electronics Packaging Manufacturing, IEEE Transactions on [see also Components, Packaging an
Technology, Part C: Manufacturing, IEEE Transactions on]
Volume 28, Issue 1, Jan. 2005 Page(s):75 - 84
Digital Object Identifier 10.1109/TEPM.2005.847814

AbstractPlus | References | Full Text: PDF(3112 KB) IEEE JNL
Rights and Permissions

☐ **19. American National Standard for Methods of Measurement of Compatibility between Wireless Devices and Hearing Aids**
ANSI C63.19-2001
2001 Page(s):0_1 - 96

AbstractPlus | Full Text: PDF(808 KB) IEEE STD

☐ **20. DNA microarray stochastic model**
Davies, S.W.; Seale, D.A.;
NanoBioscience, IEEE Transactions on
Volume 4, Issue 3, Sept. 2005 Page(s):248 - 254
Digital Object Identifier 10.1109/TNB.2005.853665

AbstractPlus | Full Text: PDF(528 KB) IEEE JNL
Rights and Permissions

21. **A study of health care in western Pennsylvania**
Bugliarello, G.; Calvert, T.W.; Fox, T.G.; Tin-Kan Hung; Weissman, M.H.;
Proceedings of the IEEE
Volume 57, Issue 11, Nov. 1969 Page(s):1853 - 1869
AbstractPlus | Full Text: PDF(1864 KB) IEEE JNL
Rights and Permissions

22. **Signature Analysis: Simulation of Inventory, Cycle Time, and Throughput Trade-Offs in Waf**
Atherton, R.; Dayhoff, J.;
Components, Hybrids, and Manufacturing Technology, IEEE Transactions on [see also IEEE Trans
Packaging, and Manufacturing Technology, Part A, B, C]
Volume 9, Issue 4, Dec 1986 Page(s):498 - 507
AbstractPlus | Full Text: PDF(1448 KB) IEEE JNL
Rights and Permissions

23. **Sandia National Laboratories**
Dosanjh, S.S.;
Computational Science and Engineering, IEEE [see also Computing in Science & Engineering]
Volume 2, Issue 2, Summer 1995 Page(s):10 - 15
Digital Object Identifier 10.1109/99.388943
AbstractPlus | Full Text: PDF(500 KB) IEEE JNL
Rights and Permissions

24. **A model for radial yield degradation as a function of chip size**
Teets, D.;
Semiconductor Manufacturing, IEEE Transactions on
Volume 9, Issue 3, Aug. 1996 Page(s):467 - 471
Digital Object Identifier 10.1109/66.536118
AbstractPlus | References | Full Text: PDF(416 KB) IEEE JNL
Rights and Permissions

25. **Thermal phenomena in compact electronic enclosures: a numerical study**
Maudgal, V.K.;
Components, Packaging, and Manufacturing Technology, Part A, IEEE Transactions on [see also (
and Manufacturing Technology, IEEE Transactions on]
Volume 20, Issue 3, Sept. 1997 Page(s):286 - 294
Digital Object Identifier 10.1109/95.623023
AbstractPlus | References | Full Text: PDF(260 KB) IEEE JNL
Rights and Permissions

View

Help Contact Us Privac

© Copyright 2006 IE

Indexed by Inspec®

IEEE Xplore RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

Results for "product<paragraph>model* and manufacturing<paragraph>region? and faces and edges" e-mail
Your search matched 52 of 1351415 documents.
A maximum of 52 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

product<paragraph>model* and manufacturing<paragraph>region? and faces and ed Search

Check to search only within this results set

Display Format: Citation Citation & Abstract

» Key

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All View

26. **Inception and propagation mechanisms of water treeing**
Ross, R.;
Dielectrics and Electrical Insulation, IEEE Transactions on [see also Electrical Insulation, IEEE Tra
Volume 5, Issue 5, Oct. 1998 Page(s):660 - 680
Digital Object Identifier 10.1109/94.729689
AbstractPlus | Full Text: PDF(2912 KB) IEEE JNL
Rights and Permissions

27. **Rapid characterization and modeling of pattern-dependent variation in chemical-mechanical**
Stine, B.E.; Ouma, D.O.; Divecha, R.R.; Boning, D.S.; Chung, J.E.; Hetherington, D.L.; Harwoo, C. Soo-Young Oh;
Semiconductor Manufacturing, IEEE Transactions on
Volume 11, Issue 1, Feb. 1998 Page(s):129 - 140
Digital Object Identifier 10.1109/66.661292
AbstractPlus | References | Full Text: PDF(412 KB) IEEE JNL
Rights and Permissions

28. **The adding machine fraternity at St. Louis: creating a center of invention, 1880-1920**
Kidwell, P.A.;
Annals of the History of Computing, IEEE
Volume 22, Issue 2, April-June 2000 Page(s):4 - 21
Digital Object Identifier 10.1109/85.841133
AbstractPlus | References | Full Text: PDF(2076 KB) IEEE JNL
Rights and Permissions

29. **Perspectives on technology and technology-driven CAD**
Dutton, R.W.; Strojwas, A.J.;
Computer-Aided Design of Integrated Circuits and Systems, IEEE Transactions on
Volume 19, Issue 12, Dec. 2000 Page(s):1544 - 1560
Digital Object Identifier 10.1109/43.898831
AbstractPlus | References | Full Text: PDF(696 KB) IEEE JNL
Rights and Permissions

30. **Supervisory control of hybrid systems**
Koutsoukos, X.D.; Antsaklis, P.J.; Stiver, J.A.; Lemmon, M.D.;
Proceedings of the IEEE
Volume 88, Issue 7, July 2000 Page(s):1026 - 1049
Digital Object Identifier 10.1109/5.871307

AbstractPlus | References | Full Text: PDF(696 KB) IEEE JNL
Rights and Permissions

☐ **31. Nonuniform temperature and strain fields in a powered package**
Wakil, J.; Ho, P.S.;
Components and Packaging Technologies, IEEE Transactions on [see also Components, Packagi
Technology, Part A: Packaging Technologies, IEEE Transactions on]
Volume 23, Issue 3, Sept. 2000 Page(s):521 - 527
Digital Object Identifier 10.1109/6144.868852

AbstractPlus | References | Full Text: PDF(744 KB) IEEE JNL
Rights and Permissions

☐ **32. Failure analysis and stress simulation in small multichip BGAs**
Moore, T.D.; Jarvis, J.L.;
Advanced Packaging, IEEE Transactions on [see also Components, Packaging and Manufacturing
Advanced Packaging, IEEE Transactions on]
Volume 24, Issue 2, May 2001 Page(s):216 - 223
Digital Object Identifier 10.1109/6040.928757

AbstractPlus | References | Full Text: PDF(232 KB) IEEE JNL
Rights and Permissions

☐ **33. Creating the software industry-recollections of software company founders of the 1960s**
Johnson, L.;
Annals of the History of Computing, IEEE
Volume 24, Issue 1, Jan.-March 2002 Page(s):14 - 42
Digital Object Identifier 10.1109/85.988576

AbstractPlus | References | Full Text: PDF(541 KB) IEEE JNL
Rights and Permissions

☐ **34. Predicting defect-tolerant yield in the embedded core context**
Meyer, F.J.; Park, N.;
Computers, IEEE Transactions on
Volume 52, Issue 11, Nov. 2003 Page(s):1470 - 1479
Digital Object Identifier 10.1109/TC.2003.1244944

AbstractPlus | References | Full Text: PDF(804 KB) IEEE JNL
Rights and Permissions

☐ **35. Analysis on the dependence of layout parameters on ESD robustness of CMOS devices for i deep-submicron CMOS process**
Tung-Yang Chen; Ming-Dou Ker;
Semiconductor Manufacturing, IEEE Transactions on
Volume 16, Issue 3, Aug. 2003 Page(s):486 - 500
Digital Object Identifier 10.1109/TSM.2003.815200

AbstractPlus | References | Full Text: PDF(2988 KB) IEEE JNL
Rights and Permissions

☐ **36. Material removal regions in chemical mechanical planarization for submicron integrated circ coupling effects of slurry chemicals, abrasive size distribution,and wafer-pad contact area**
Jianfeng Luo; Dornfeld, D.A.;
Semiconductor Manufacturing, IEEE Transactions on
Volume 16, Issue 1, Feb. 2003 Page(s):45 - 56
Digital Object Identifier 10.1109/TSM.2002.807739

AbstractPlus | References | Full Text: PDF(767 KB) IEEE JNL
Rights and Permissions

☐ **37. An authorization model for geospatial data**
Atluri, V.; Soon Ae Chun;
Dependable and Secure Computing, IEEE Transactions on
Volume 1, Issue 4, Oct-Dec 2004 Page(s):238 - 254

Digital Object Identifier 10.1109/TDSC.2004.32

AbstractPlus | Full Text: PDF(2048 KB) IEEE JNL
Rights and Permissions

☐ 38. **Design-manufacturing integration as a mediator of antecedents to new product design quali**
Swink, M.L.; Calantone, R.;
Engineering Management, IEEE Transactions on
Volume 51, Issue 4, Nov. 2004 Page(s):472 - 482
Digital Object Identifier 10.1109/TEM.2004.835088

AbstractPlus | References | Full Text: PDF(352 KB) IEEE JNL
Rights and Permissions

☐ 39. **Implementation of a new adaptive slicing algorithm for the rapid prototyping manufacturing**
Luo, R.C.; Jyh Hwa Tzou;
Mechatronics, IEEE/ASME Transactions on
Volume 9, Issue 3, Sept. 2004 Page(s):593 - 600
Digital Object Identifier 10.1109/TMECH.2004.835332

AbstractPlus | References | Full Text: PDF(1248 KB) IEEE JNL
Rights and Permissions

☐ 40. **From customer orientation to customer satisfaction: the gap between theory and practice**
Yeung, A.C.L.; Cheng, T.C.E.; Ling-Yau Chan;
Engineering Management, IEEE Transactions on
Volume 51, Issue 1, Feb. 2004 Page(s):85 - 97
Digital Object Identifier 10.1109/TEM.2003.822466

AbstractPlus | References | Full Text: PDF(496 KB) IEEE JNL
Rights and Permissions

☐ 41. **Geometric texture modeling**
Elber, G.;
Computer Graphics and Applications, IEEE
Volume 25, Issue 4, July-Aug. 2005 Page(s):66 - 76
Digital Object Identifier 10.1109/MCG.2005.79

AbstractPlus | Full Text: PDF(4496 KB) IEEE JNL
Rights and Permissions

☐ 42. **Self-help**
Reeves, P.;
Manufacturing Engineer
Volume 79, Issue 1, Feb. 2000 Page(s):7 - 9

AbstractPlus | Full Text: PDF(296 KB) IEE JNL

☐ 43. **Session Index**
Decision and Control, 2005 and 2005 European Control Conference. CDC-ECC '05. 44th IEEE Co
12-15 Dec. 2005 Page(s):nil5 - nil128

Full Text: PDF(600 KB) IEEE CNF
Rights and Permissions

☐ 44. **Organizational Transformation through Business Models: A Framework for Business Model**
Keen, P.; Qureshi, S.;
System Sciences, 2006. HICSS '06. Proceedings of the 39th Annual Hawaii International Conferen
Volume 8, 04-07 Jan. 2006 Page(s):206b - 206b
Digital Object Identifier 10.1109/HICSS.2006.376

AbstractPlus | Full Text: PDF(176 KB) IEEE CNF
Rights and Permissions

☐ 45. **Estimating Attenuation in Composite Laminates Using Backscattered Ultrasound**
Blodgett, E.D.; Johnston, P.H.; Miller, J.G.;

Ultrasonics Symposium, IEEE 1984
1984 Page(s):748 - 753

AbstractPlus | Full Text: PDF(688 KB) IEEE CNF
Rights and Permissions

☐ **46. An introduction to MPL - A new machining process/Programming language**
Chan, S.; Voelcker, H.;
Robotics and Automation, Proceedings, 1986 IEEE International Conference on
Volume 3, Apr 1986 Page(s):333 - 344

AbstractPlus | Full Text: PDF(1000 KB) IEEE CNF
Rights and Permissions

☐ **47. Methods for assessing multivariate interactions in a manufacturing system**
Rezvani, S.; Prasad, G.; Robinson, S.;
Systems and Information Engineering Design Symposium, 2003 IEEE
24-25 April 2003 Page(s):203 - 212

AbstractPlus | Full Text: PDF(736 KB) IEEE CNF
Rights and Permissions

☐ **48. Visualization of distributed processes using "Data Jewelry Box" algorithm**
Yamaguchi, Y.; Itoh, T.;
Computer Graphics International, 2003, Proceedings
9-11 July 2003 Page(s):162 - 169

AbstractPlus | Full Text: PDF(955 KB) IEEE CNF
Rights and Permissions

☐ **49. Extending platform-based design to network on chip systems**
Soininen, J.-P.; Jantsch, A.; Forsell, M.; Pelkonen, A.; Kreku, J.; Kumar, S.;
VLSI Design, 2003, Proceedings, 16th International Conference on
4-8 Jan. 2003 Page(s):401 - 408
Digital Object Identifier 10.1109/ICVD.2003.1183169

AbstractPlus | Full Text: PDF(306 KB) IEEE CNF
Rights and Permissions

☐ **50. Microprocessor reliability performance as a function of die location for a 0.25 μ, five layer m process**
Riordan, W.C.; Miller, R.; Sherman, J.M.; Hicks, J.;
Reliability Physics Symposium Proceedings, 1999, 37th Annual, 1999 IEEE International
23-25 March 1999 Page(s):1 - 11
Digital Object Identifier 10.1109/RELPHY.1999.761584

AbstractPlus | Full Text: PDF(984 KB) IEEE CNF
Rights and Permissions

View

Help Contact Us Privac
© Copyright 2006 IE

Indexed by Inspec®

IEEE Xplore RELEASE 2.1

Home | Login | Logout | Access Information | Ale

Welcome United States Patent and Trademark Office

Search Results BROWSE SEARCH IEEE XPLORE GUIDE

Results for "product<paragraph>model* and manufacturing<paragraph>region? and faces and edges"

e-mail

Your search matched 52 of 1351415 documents.

A maximum of 52 results are displayed, 25 to a page, sorted by Relevance in Descending order.

» Search Options

View Session History

New Search

Modify Search

product<paragraph>model* and manufacturing<paragraph>region? and faces and ed Search

Check to search only within this results set

» Key

Display Format: Citation Citation & Abstract

IEEE JNL	IEEE Journal or Magazine
IEE JNL	IEE Journal or Magazine
IEEE CNF	IEEE Conference Proceeding
IEE CNF	IEE Conference Proceeding
IEEE STD	IEEE Standard

view selected items Select All Deselect All View

51. **Design for manufacturing in the semiconductor industry: the Litho/Design Workshops**
Schellenberg, F.M.;
VLSI Design, 1999. Proceedings. Twelfth International Conference On
7-10 Jan. 1999 Page(s):111 - 119
Digital Object Identifier 10.1109/ICVD.1999.745134
AbstractPlus | Full Text: PDF(1332 KB) IEEE CNF
Rights and Permissions

52. **IEEE standard definitions and characterization of floating gate semiconductor arrays**
IEEE Std 1005-1998
9 Feb. 1999
AbstractPlus | Full Text: PDF(972 KB) IEEE STD

View

Help Contact Us Privac

Indexed by Inspec

© Copyright 2006 IE

PORTAL
USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

product<sentence>model* and manufacturing<paragraph>reg SEARCH

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used
product sentence model and **manufacturing paragraph region?** and **faces** and **edges**

Found **7,807** of **177,263**

Sort results by: relevance

Display results: expanded form

Save results to a Binder

Search Tips

Open results in a new window

Try an Advanced Search

Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

Best 200 shown

Relevance scale

1 Group A: localization: On the effect of localization errors on geographic face routing in sensor networks

Karim Seada, Ahmed Helmy, Ramesh Govindan

April 2004 **Proceedings of the third international symposium on Information processing in sensor networks IPSN '04**

Publisher: ACM Press

Full text available: pdf(431.55 KB) Additional Information: full citation, abstract, references, citings, index terms

In the absence of location errors, geographic routing - using a combination of greedy forwarding and face routing - has been shown to work correctly and efficiently. The effects of location errors on geographic routing have not been studied before. In this work we provide a detailed analysis of the effects of location errors on the correctness and performance of geographic routing in static sensor networks. First, we perform a micro-level behavioral analysis to identify the possible protocol err ...

Keywords: data-centric storage, face routing, geographic routing, localization inaccuracy, location errors, wireless sensor networks

2 Creating volume models from edge-vertex graphs

Patrick M. Hanrahan

July 1982 **ACM SIGGRAPH Computer Graphics , Proceedings of the 9th annual conference on Computer graphics and interactive techniques SIGGRAPH '82**, Volume 16 Issue 3

Publisher: ACM Press

Full text available: pdf(740.65 KB) Additional Information: full citation, abstract, references, citings, index terms

The design of complex geometric models has been and will continue to be one of the limiting factors in computer graphics. A careful enumeration of the properties of topologically correct models, so that they may be automatically enforced, can greatly speed this process. An example of the problems inherent in these methods is the "wire frame" problem, the automatic generation of a volume model from an edge-vertex graph. The solution to this problem has many useful applications in ...

3 Geometric modeling of solid objects by using a face adjacency graph representation

Silvia Ansaldi, Leila De Floriani, Bianca Falcidieno

July 1985 **ACM SIGGRAPH Computer Graphics , Proceedings of the 12th annual conference on Computer graphics and interactive techniques SIGGRAPH '85**, Volume 19 Issue 3
Publisher: ACM Press

Full text available: pdf(715.25 KB) Additional Information: full citation, abstract, references, citings, index terms

A relational graph structure based on a boundary representation of solid objects is described. In this structure, called face adjacency graph, nodes represent object faces, whereas edges and vertices are encoded into arcs and hyperarcs. Based on the face adjacency graph, we define a set of primitive face-oriented Euler operators, and a set of macrooperators for face manipulation, which allow a compact definition and an efficient updating of solid objects. We briefly describe a hierarchical graph ...

4 The complexity of many faces in arrangements of lines of segments
H. Edelsbrunner, L. J. Guibas, M. Sharir
January 1988 **Proceedings of the fourth annual symposium on Computational geometry**
Publisher: ACM Press

Full text available: pdf(1.16 MB) Additional Information: full citation, abstract, references, citings, index terms

We show that the total number of edges of m faces of an arrangement of n lines in the plane is &Ogr;(m2/3-&dgr; n2/3+2&dgr; + n), for any &dgr; > 0. The proof takes an algorithmic approach, that is, we describe an algorithm for the calculation of these m faces and derive the upper bound from the analysis of the algorithm. The algorithm uses rando ...

5 The synthesis of solids bounded by many faces
I. C. Braid
April 1975 **Communications of the ACM**, Volume 18 Issue 4
Publisher: ACM Press

Full text available: pdf(775.46 KB) Additional Information: full citation, abstract, references, citings, index terms

A technique is presented which allows a class of solid objects to be synthesized and stored using a computer. Synthesis begins with primitive solids like a cube, wedge, or cylinder. Any solid can be moved, scaled, or rotated. Solids may also be added together or subtracted. Two algorithms to perform addition are described. For practical designers, the technique has the advantage that operations are concise, readily composed, and are given in terms of easily imagined solids. Quite short sequ ...

Keywords: computational geometry, computer-aided design, graphics, machined components, polyhedra, shape synthesis, three-dimensional modeling

6 Face fixer: compressing polygon meshes with properties
Martin Isenburg, Jack Snoeyink
July 2000 **Proceedings of the 27th annual conference on Computer graphics and interactive techniques**
Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: pdf(1.00 MB) Additional Information: full citation, abstract, references, citings, index terms

Most schemes to compress the topology of a surface mesh have been developed for the lowest common denominator: triangulated meshes. We propose a scheme that handles the topology of arbitrary polygon meshes. It encodes meshes directly in their polygonal representation and extends to capture face groupings in a natural way. Avoiding the

triangulation step we reduce the storage costs for typical polygon models that have group structures and property data.

Keywords: connectivity encoding, mesh compression

7 Face-based data structure and its application to robust geometric modeling

Masatake Higashi, Fuyuki Torihara, Nobuhiro Takeuchi, Toshio Sata, Tsuyoshi Saitoh, Mamoru Hosaka

December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available: pdf(1.09 MB) Additional Information: full citation, references, citings, index terms

8 FAR: Face-aware routing for mobicast in large-scale sensor networks

Qingfeng Huang, Sangeeta Bhattacharya, Chenyang Lu, Gruia-Catalin Roman

November 2005 **ACM Transactions on Sensor Networks (TOSN)**, Volume 1 Issue 2

Publisher: ACM Press

Full text available: pdf(1.89 MB) Additional Information: full citation, abstract, references, index terms

This article presents FAR, a Face-Aware Routing protocol for mobicast---a spatiotemporal variant of multicast tailored for sensor networks with environmental mobility. FAR features face-routing and timed-forwarding for delivering a message to a mobile delivery zone. Both analytical and statistical results show that FAR achieves reliable spatial and just-in-time message delivery with only moderate communication and memory overhead. This article also presents a novel distributed algorithm for spat ...

Keywords: System design, graph theory, sensor networks, simulations, spatiotemporal multicast, statistics, wireless ad hoc networks

9 Efficient face-based feature recognition

J. Corney, D. E. R. Clark

June 1993 **Proceedings on the second ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available: pdf(882.79 KB) Additional Information: full citation, references, citings, index terms

Keywords: Aspect Vector, Face cycles, Face-Edge Graph, Feature Recognition, Search Algorithm

10 Faster algorithms for finding small edge cuts in planar graphs

Satish B. Rao

July 1992 **Proceedings of the twenty-fourth annual ACM symposium on Theory of computing**

Publisher: ACM Press

Full text available: pdf(1.36 MB) Additional Information: full citation, abstract, references, citings, index terms

In this paper, we consider partitioning a planar graph by removing either nodes or edges. In particular, we consider a cut to be either a set of nodes or edges whose removal divides the graph into two pieces. We define the balance of a cut as the ratio of the weight of the

smaller side of the cut to the total weight in the graph. Thus, the best possible balance is 1/2. We define the quotient cost of a cut as the ratio of the cost of the cut to th ...

11 Session 10B: Edge partition of planar sraphs into two outerplanar graphs

Daniel Gonçalves

May 2005 **Proceedings of the thirty-seventh annual ACM symposium on Theory of computing**

Publisher: ACM Press

Full text available: pdf(253.90 KB) Additional Information: full citation, abstract, references, index terms

An *outerplanar graph* is a planar graph that can be embedded in the plane without crossing edges, in such a way that all the vertices are on the outer boundary. In this paper, we prove a conjecture of Chartrand, Geller, and Hedetniemi that any planar graph $G=(V,E)$ has a bipartition of its edge set $E = A \cup B$ such that the graphs induced by these subsets, $G[A]$ and $G[B]$, are outerplanar.

Keywords: edge partition, outerplanar graphs, planar graphs

12 Oral I: 3D face recognition based on high-resolution 3D face modeling from frontal and profile views

Lijun Yin, Matt T. Yourst

November 2003 **Proceedings of the 2003 ACM SIGMM workshop on Biometrics methods and applications**

Publisher: ACM Press

Full text available: pdf(528.92 KB) Additional Information: full citation, abstract, references, index terms

This paper presents a novel face recognition system which considers information from both frontal and profile view images and videos. In the system, we recover facial texture details by increasing the input image resolution, construct an accurate 3D face model from two views of a face, and explore both 3D shape and texture informations for an optimal match and identification based on a 3D face model database. Unlike many existing 3D face recognition systems where the 3D model is taken as a bridg ...

Keywords: face identification, face modeling, super-resolution

13 Session P7: unstructured grids and volume rendering: Circular incident edge lists: a data structure for rendering complex unstructured grids

Bruno Lévy, Guillaume Caumon, Stéphane Conreaux, Xavier Cavin

October 2001 **Proceedings of the conference on Visualization '01**

Publisher: IEEE Computer Society

Full text available: pdf(2.30 MB) Publisher Site Additional Information: full citation, abstract, references, citings, index terms

We present the *Circular Incident Edge Lists* (CIEL), a new data structure and a high-performance algorithm for generating a series of iso-surfaces in a highly unstructured grid. Slicing-based volume rendering is also considered. The CIEL data structure represents all the combinatorial information of the grid, making it possible to optimize the classical *propagation from local minima* paradigm. The usual geometric structures are replaced by a more efficient combinatorial structure. An ...

Keywords: combinatorial topology, iso-surfaces, unstructured grids, volume rendering

14 Session 5C: Approximation schemes for minimum 2-edge-connected and

biconnected subgraphs in planar graphs

Artur Czumaj, Michelangelo Grigni, Papa Sissokho, Hairong Zhao

January 2004 **Proceedings of the fifteenth annual ACM-SIAM symposium on Discrete algorithms**

Publisher: Society for Industrial and Applied Mathematics

Full text available: pdf(282.13 KB) Additional Information: full citation, abstract, references

Given an undirected graph, finding either a minimum 2-edge-connected spanning subgraph or a minimum 2-vertex-connected (biconnected) spanning subgraph is MaxSNP-hard. We show that for planar graphs, both problems have a polynomial time approximation scheme (PTAS) with running time $n^{O(1/\varepsilon)}$, where n is the graph size and ε is the relative error allowed.When the planar graph has edge costs, we approximately solve the analogous min-cost subgraph problems in ...

15 Posters and Short Papers: A new approach for rotated face detection

Qiang Zhu, Jiashi Chen

October 2001 **Proceedings of the ninth ACM international conference on Multimedia**

Publisher: ACM Press

Full text available: pdf(1.58 MB) Additional Information: full citation, abstract, references, index terms

Human face detection has always been an important problem for face recognition and face tracking. Though considerable attempts have been made to detect and localize faces, these approaches have made assumptions that restrict their extension to more general cases. In this paper we design a novel method to detect a rotated face on the basis of image edge information. Considering the efficiency problem, we propose two key techniques in our approach: first, three points based RHT is applied to detec ...

Keywords: edge detection, face detection, histogram, hough transform, rotated face, symmetry axis

16 Large mesh generation from boundary models with parametric face representation

Reinhard Klein, Wolfgang Straber

December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available: pdf(909.89 KB) Additional Information: full citation, references, citings, index terms

Keywords: boundary representation, finite elements, incremental Delaunay triangulation, meshing, rendering, stereolithography

17 Real-time rendering: Hardware-determined feature edges

Morgan McGuire, John F. Hughes

June 2004 **Proceedings of the 3rd international symposium on Non-photorealistic animation and rendering**

Publisher: ACM Press

Full text available: pdf(543.94 KB) Additional Information: full citation, abstract, references

Algorithms that detect silhouettes, creases, and other edge based features often perform per-edge and per-face mesh computations using global adjacency information. These are unsuitable for hardware-pipeline implementation, where programmability is at the vertex and pixel level and only local information is available. Card and Mitchell and Gooch have suggested that adjacency information could be packed into a vertex data structure; we describe the details of converting global/per-edge computatio ...

Keywords: GPU, NPR, contour, shadow volume, silhouette

18 An algorithm to compute the Minkowski sum outer-face of two simple polygons

G. D. Ramkumar
May 1996 **Proceedings of the twelfth annual symposium on Computational geometry**
Publisher: ACM Press
Full text available: pdf(736.71 KB) Additional Information: full citation, references, citings, index terms

19 Hierarchical face clustering on polygonal surfaces

Michael Garland, Andrew Willmott, Paul S. Heckbert
March 2001 **Proceedings of the 2001 symposium on Interactive 3D graphics**
Publisher: ACM Press
Full text available: pdf(1.77 MB) Additional Information: full citation, references, citings, index terms

Keywords: dual contraction, face clusters, quadric error metrics, spatial data structures, surface simplification

20 Edge-disjoint routing in plane switch graphs in linear time

Jan M. Hochstein, Karsten Weihe
July 2004 **Journal of the ACM (JACM)**, Volume 51 Issue 4
Publisher: ACM Press
Full text available: pdf(597.11 KB) Additional Information: full citation, abstract, references, index terms

By a *switch graph*, we mean an undirected graph $G = (P \⊍ W, E)$ such that all vertices in P (the *plugs*) have degree one and all vertices in W (the *switches*) have even degrees. We call G *plane* if G is planar and can be embedded such that all plugs are in the outer face. Given a set $(s_1, t_1), \ldots,(s_k, t_k)$ of pairs of plugs, the ...

Keywords: Planar graphs, edge-disjoint paths

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

PORTAL
USPTO

Subscribe (Full Service) Register (Limited Service, Free) Login

Search: The ACM Digital Library The Guide

product<sentence>model* and manufacturing and region? and SEARCH

THE ACM DIGITAL LIBRARY

Feedback Report a problem Satisfaction survey

Terms used
product sentence model and **manufacturing** and **region?** and **faces** and **edges**

Found **22,605** of **177,263**

Sort results by: relevance
Display results: expanded form

Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next
Best 200 shown

Relevance scale

1 Shape feature determination usiang the curvature region representation

Ratnaker Sonthi, Girish Kunjur, Rajit Gadh
May 1997 **Proceedings of the fourth ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.21 MB) Additional Information: full citation, references, citings, index terms

2 Machine interpretation of CAD data for manufacturing applications

Qiang Ji, Michael M. Marefat
September 1997 **ACM Computing Surveys (CSUR)**, Volume 29 Issue 3
Publisher: ACM Press
Full text available: pdf(1.90 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Machine interpretation of the shape of a component for CAD databases is an important problem in CAD/CAM, computer vision, and intelligent manufacturing. It can be used in CAD/CAM for evaluation of designs, in computer vision for machine recognition and machine inspection of objects, and in intelligent manufacturing for automating and integrating the link between design and manufacturing. This topic has been an active area of research since the late '70s, and a significant number of computat ...

Keywords: artificial intelligence, automated process planning, computer-aided design, computer-integrated manufacturing, feature recognition, flexible automation

3 Multi-criteria geometric optimization problems in layered manufacturing

Jayanth Majhi, Ravi Janardan, Michiel Smid, Jörg Schwerdt
June 1998 **Proceedings of the fourteenth annual symposium on Computational geometry**
Publisher: ACM Press
Full text available: pdf(1.28 MB) Additional Information: full citation, references, citings, index terms

4 Model-based recognition in robot vision

Roland T. Chin, Charles R. Dyer
March 1986 **ACM Computing Surveys (CSUR)**, Volume 18 Issue 1
Publisher: ACM Press

Full text available: pdf(4.94 MB) Additional Information: full citation, abstract, references, citings, index terms, review

This paper presents a comparative study and survey of model-based object-recognition algorithms for robot vision. The goal of these algorithms is to recognize the identity, position, and orientation of randomly oriented industrial parts. In one form this is commonly referred to as the "bin-picking" problem, in which the parts to be recognized are presented in a jumbled bin. The paper is organized according to 2-D, 2½-D, and 3-D object representations, which are used as the basis for ...

5 A coherent sweep plane slicer for layered manufacturing

Sara McMains, Carlo Séquin
June 1999 **Proceedings of the fifth ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.46 MB) Additional Information: full citation, references, citings, index terms

Keywords: .STL format, CAD/CAM, computational geometry, rapid prototyping, slicing, topology

6 Approximation algorithms for layered manufacturing

Pankaj K. Agarwal, Pavan K. Desikan
February 2000 **Proceedings of the eleventh annual ACM-SIAM symposium on Discrete algorithms**
Publisher: Society for Industrial and Applied Mathematics
Full text available: pdf(1.00 MB) Additional Information: full citation, references, citings, index terms

7 Model-based object recognition in dense-range images—a review

Farshid Arman, J. K. Aggarwal
March 1993 **ACM Computing Surveys (CSUR)**, Volume 25 Issue 1
Publisher: ACM Press

Full text available: pdf(3.42 MB) Additional Information: full citation, abstract, references, citings, index terms, review

The goal in computer vision systems is to analyze data collected from the environment and derive an interpretation to complete a specified task. Vision system tasks may be divided into data acquisition, low-level processing, representation, model construction, and matching subtasks. This paper presents a comprehensive survey of model-based vision systems using dense-range images. A comprehensive survey of the recent publications in each subtask pertaining to dense-range image object recogni ...

Keywords: 3D object recognition, 3D representations, CAD-based vision, dense-range images, image understanding

8 Face-based data structure and its application to robust geometric modeling

Masatake Higashi, Fuyuki Torihara, Nobuhiro Takeuchi, Toshio Sata, Tsuyoshi Saitoh, Mamoru Hosaka
December 1995 **Proceedings of the third ACM symposium on Solid modeling and**

applications
Publisher: ACM Press
Full text available: pdf(1.09 MB) Additional Information: full citation, references, citings, index terms

9 Level set and PDE methods for computer graphics

David Breen, Ron Fedkiw, Ken Museth, Stanley Osher, Guillermo Sapiro, Ross Whitaker
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**
Publisher: ACM Press
Full text available: pdf(17.07 MB) Additional Information: full citation, abstract

Level set methods, an important class of partial differential equation (PDE) methods, define dynamic surfaces implicitly as the level set (iso-surface) of a sampled, evolving nD function. The course begins with preparatory material that introduces the concept of using partial differential equations to solve problems in computer graphics, geometric modeling and computer vision. This will include the structure and behavior of several different types of differential equations, e.g. the level set eq ...

10 Incremental algorithms for collision detection between solid models

Madhav Ponamgi, Dinesh Manocha, Ming C. Lin
December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.24 MB) Additional Information: full citation, references, citings, index terms

11 Collision detection and proximity queries

Sunil Hadap, Dave Eberle, Pascal Volino, Ming C. Lin, Stephane Redon, Christer Ericson
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**
Publisher: ACM Press
Full text available: pdf(11.22 MB) Additional Information: full citation, abstract

This course will primarily cover widely accepted and proved methodologies in collision detection. In addition more advanced or recent topics such as continuous collision detection, ADFs, and using graphics hardware will be introduced. When appropriate the methods discussed will be tied to familiar applications such as rigid body and cloth simulation, and will be compared. The course is a good overview for those developing applications in physically based modeling, VR, haptics, and robotics.

12 Computational Approaches to Image Understanding

Michael Brady
March 1982 **ACM Computing Surveys (CSUR)**, Volume 14 Issue 1
Publisher: ACM Press
Full text available: pdf(10.04 MB) Additional Information: full citation, references, citings, index terms

13 Assembly sequencing with toleranced parts

Jean-Claude Latombe, Randall H. Wilson
December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.28 MB) Additional Information: full citation, references, citings, index terms

Keywords: assembly planning, assembly sequencing, non-directional blocking graph, solid modeling, tolerancing

14 Three-dimensional object recognition

Paul J. Besl, Ramesh C. Jain
March 1985 **ACM Computing Surveys (CSUR)**, Volume 17 Issue 1
Publisher: ACM Press

Full text available: pdf(7.76 MB) Additional Information: full citation, abstract, references, citings, index terms, review

A general-purpose computer vision system must be capable of recognizing three-dimensional (3-D) objects. This paper proposes a precise definition of the 3-D object recognition problem, discusses basic concepts associated with this problem, and reviews the relevant literature. Because range images (or depth maps) are often used as sensor input instead of intensity images, techniques for obtaining, processing, and characterizing range data are also surveyed.

15 Volumetric multi-texturing for functionally gradient material representation

Seok-Min Park, Richard H. Crawford, Joseph J. Beaman
May 2001 **Proceedings of the sixth ACM symposium on Solid modeling and applications**
Publisher: ACM Press

Full text available: pdf(989.15 KB) Additional Information: full citation, abstract, references, citings, index terms

Solid Freeform Fabrication (SFF) methods have demonstrated the potential to manufacture parts from Functionally Gradient Materials (FGM). One of the keys to success is an accurate and systematic represention of varying material distributions in the geometry. This paper introduces a method called Volumetric Multi-Texturing (VMT) to represent a three dimensional density gradient. The scheme originates from volumetric rendering by texturing, which is used in computer graphics to create fuzzy obj ...

Keywords: computational support for new manufacturing technologies, heterogeneous models, product data exchange

16 Approximation algorithms for multiple-tool miling

Sunil Arya, Siu-Wing Cheng, David M. Mount
June 1998 **Proceedings of the fourteenth annual symposium on Computational geometry**
Publisher: ACM Press

Full text available: pdf(1.42 MB) Additional Information: full citation, references, citings, index terms

17 A survey of methods for recovering quadrics in triangle meshes

Sylvain Petitjean
June 2002 **ACM Computing Surveys (CSUR)**, Volume 34 Issue 2
Publisher: ACM Press

Full text available: pdf(3.91 MB) Additional Information: full citation, abstract, references, citings, index terms

In a variety of practical situations such as reverse engineering of boundary representation from depth maps of scanned objects, range data analysis, model-based recognition and

algebraic surface design, there is a need to recover the shape of visible surfaces of a dense 3D point set. In particular, it is desirable to identify and fit simple surfaces of known type wherever these are in reasonable agreement with the data. We are interested in the class of quadric surfaces, that is, algebraic surfa ...

Keywords: Data fitting, geometry enhancement, local geometry estimation, mesh fairing, shape recovery

18 Large mesh generation from boundary models with parametric face representation

Reinhard Klein, Wolfgang Straber
December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(909.89 KB) Additional Information: full citation, references, citings, index terms

Keywords: boundary representation, finite elements, incremental Delaunay triangulation, meshing, rendering, stereolithography

19 A new algorithm for computing shortest paths in weighted planar subdivisions (extended abstract)

Christian S. Mata, Joseph S. B. Mitchell
August 1997 **Proceedings of the thirteenth annual symposium on Computational geometry**
Publisher: ACM Press
Full text available: pdf(1.45 MB) Additional Information: full citation, references, citings, index terms

20 Finding feasible mold parting directions using graphics hardware

Rahul Khardekar, Greg Burton, Sara McMains
June 2005 **Proceedings of the 2005 ACM symposium on Solid and physical modeling**
Publisher: ACM Press
Full text available: pdf(551.97 KB) Additional Information: full citation, abstract, references

We present new programmable graphics hardware accelerated algorithms to test the castability of geometric parts and assist with part redesign. These algorithms efficiently identify and graphically display undercuts and minimum and insufficient draft angles. Their running times grow only linearly with respect to the number of facets in the solid model, making them efficient subroutines for our algorithms that test whether a tessellated CAD model can be manufactured in a two-part mold. We have dev ...

Results 1 - 20 of 200 Result page: **1** 2 3 4 5 6 7 8 9 10 next

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2006 ACM, Inc.
Terms of Usage Privacy Policy Code of Ethics Contact Us

Useful downloads: Adobe Acrobat QuickTime Windows Media Player Real Player

PORTAL
USPTO
Subscribe (Full Service) Register (Limited Service, Free) Login
Search: The ACM Digital Library The Guide
product<sentence>model* and manufacturing and region? and
SEARCH
THE ACM DIGITAL LIBRARY
Feedback Report a problem Satisfaction survey

Terms used
product sentence model and **manufacturing** and **region?** and **faces** and **edges**

Found **22,605** of **177,263**

Sort results by: relevance
Display results: expanded form
Save results to a Binder
Search Tips
Open results in a new window

Try an Advanced Search
Try this search in The ACM Guide

Results 21 - 40 of 200 Result page: previous 1 **2** 3 4 5 6 7 8 9 10 next
Best 200 shown
Relevance scale

21 Partial entity structure: a compact non-manifold boundary representation based on partial topological entities

Sang Hun Lee, Kunwoo Lee
May 2001 **Proceedings of the sixth ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.06 MB) Additional Information: full citation, abstract, references, citings, index terms

Non-manifold boundary representations have gained a great deal of popularity in recent years and various representation schemes have been proposed because they allow an even wider range of objects for various applications than conventional manifold representations. However, since these schemes are mainly interested in describing sufficient adjacency relationships of topological entities, the models represented in these schemes occupy too much storage space redundantly although they are very e ...

Keywords: boundary representation, data structure, geometric modeling, non-manifold, topological entity

22 Polygonization of non-manifold implicit surfaces

Jules Bloomenthal, Keith Ferguson
September 1995 **Proceedings of the 22nd annual conference on Computer graphics and interactive techniques**
Publisher: ACM Press
Full text available: pdf(287.25 KB) ps(1.69 MB) Additional Information: full citation, references, citings, index terms

Keywords: implicit surface, non-manifold, polygonization

23 A laminae approach to constructing geometric feature volumes

T. Lim, J. R. Corney, D. E. R. Clark
May 2001 **Proceedings of the sixth ACM symposium on Solid modeling and applications**

Publisher: ACM Press
Full text available: pdf(971.46 KB) Additional Information: full citation, abstract, references, index terms

The limiting factor for the majority of reported feature recognition (AFR) algorithms lie in their inability to handle anything more complex than the restricted geometric domain of 2.5D machined components. This paper describes a novel approach to recognising shape features on models comprising both simple and complex ruled surfaces. Specifically, the paper describes how the concept of *3D-laminae* enables feature volumes bounded by complex ruled surfaces to be constructed. This generic ...

Keywords: CAD/CAM, feature recognition, geometric reasoning, laminae, non-2.5D geometry

24 Unified geometric modeling by non-manifold shell operation

Masatake Higashi, Hideki Yatomi, Yoshihiro Mizutani, Shin-ichi Murabata
June 1993 **Proceedings on the second ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.12 MB) Additional Information: full citation, references, citings, index terms

25 Active zones in CSG for accelerating boundary evaluation, redundancy elimination, interference detection, and shading algorithms

Jaroslaw R. Rossignac, Herbert B. Voelcker
November 1988 **ACM Transactions on Graphics (TOG)**, Volume 8 Issue 1
Publisher: ACM Press
Full text available: pdf(2.67 MB) Additional Information: full citation, abstract, references, citings, index terms, review

Solids defined by Boolean combinations of solid primitives may be represented in constructive solid geometry (CSG) as binary trees. Most CSG-based algorithms (e.g., for boundary evaluation, graphic shading, interference detection) do various forms of set-membership classification by traversing the tree associated with the solid. These algorithms usually generate intermediate results that do not contribute to the final result, and hence may be regarded as redundant and a source of inefficien ...

26 Dynamic segmentation and incremental editing of boundary representations in a collaborative design environment

Di Wu, Radha Sarma
May 2001 **Proceedings of the sixth ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.35 MB) Additional Information: full citation, abstract, references, citings, index terms

Currently boundary representations (b-reps) are a convenient means to exchange solid models between applications in a distributed design environment. There are two widely used approaches that help maintain the consistency of b-reps between applications, e.g., when a b-rep is modified in one application and needs to be updated in the other. One approach involves using a common database of b-reps where consistency is automatically guaranteed. The other approach involves using a repeated transfe ...

27 Manufacturable feature recognition and its integration with process planning

JungHyun Han, Inho Han
June 1999 **Proceedings of the fifth ACM symposium on Solid modeling and**

applications
Publisher: ACM Press
Full text available: pdf(1.09 MB) Additional Information: full citation, references, index terms

Keywords: feature dependency, feature recognition, machining sequence, manufacturability, process planning

28 A small feature suppression/unsuppression system for preparing B-rep models for analysis
K. Y. Lee, C. G. Armstrong, M. A. Price, J. H. Lamont
June 2005 **Proceedings of the 2005 ACM symposium on Solid and physical modeling**
Publisher: ACM Press
Full text available: pdf(2.02 MB) Additional Information: full citation, abstract, references, index terms

CAD technology plays an ever more central role in today's multidisciplinary simulation environments. While this has enabled highly complex and detailed models to be used earlier in the design process it has brought with it difficulties for simulation specialists. Most notably CAD models now contain many details which are irrelevant to simulation disciplines. CAD systems have feature trees which record feature creation but unfortunately this does not capture which features are relevant to which a ...

Keywords: CAD model simplification, Idealisation, analysis model derivation, audit trail, feature reinstatement, feature suppression

29 Representation conversions: Three-dimensional halfspace constructive solid geometry tree construction from implicit boundary representations
Suzanne F. Buchele, Richard H. Crawford
June 2003 **Proceedings of the eighth ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(474.19 KB) Additional Information: full citation, abstract, references, index terms

This paper presents a new method to compute constructive solid geometry (CSG) tree representations of an object whose faces consist of planar and non-planar surfaces. The algorithm described accepts as input a valid boundary representation of an object consisting of piecewise implicit surfaces, and computes a halfspace CSG representation of the object. A class of objects that are *describable* by the surfaces bounding them are valid input for the algorithm of this work, although methods cur ...

Keywords: geometric and topological representations, product and assembly modeling, representation conversion, reverse engineering

30 Creating solid models from single 2D sketches
I. J. Grimstead, R. R. Martin
December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.29 MB) Additional Information: full citation, references, index terms

31 Structured topological complexes: a feature-based API for non-manifold topologies

Jarek Rossignac
May 1997 **Proceedings of the fourth ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(1.05 MB) Additional Information: full citation, references, citings, index terms

32 Model Simplification: Removal of blends from boundary representation models
Sashikumar Venkataraman, Milind Sohoni, Rahul Rajadhyaksha
June 2002 **Proceedings of the seventh ACM symposium on Solid modeling and applications**
Publisher: ACM Press
Full text available: pdf(360.67 KB) Additional Information: full citation, abstract, references, index terms

This paper reports an algorithm for deletion of blends (or fillets) from Boundary Representation (B-rep) solid models. Blend deletion is usually performed as the first step in feature recognition since it simplifies the model for recognition of volumetric features. The algorithm handles several blend types that include face-face, face-edge and vertex blends. It also handles interactions of blends with other blends and/or volumetric features. The main feature of our approach is the usage of the u ...

Keywords: blend chains, blend deletion, blend recognition, euler operators, face-deletion algorithms, feature recognition

33 High dynamic range imaging
Paul Debevec, Erik Reinhard, Greg Ward, Sumanta Pattanaik
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**
Publisher: ACM Press
Full text available: pdf(20.22 MB) Additional Information: full citation, abstract

Current display devices can display only a limited range of contrast and colors, which is one of the main reasons that most image acquisition, processing, and display techniques use no more than eight bits per color channel. This course outlines recent advances in high-dynamic-range imaging, from capture to display, that remove this restriction, thereby enabling images to represent the color gamut and dynamic range of the original scene rather than the limited subspace imposed by current monitor ...

34 Projectors: advanced graphics and vision techniques
Ramesh Raskar
August 2004 **Proceedings of the conference on SIGGRAPH 2004 course notes GRAPH '04**
Publisher: ACM Press
Full text available: pdf(6.53 MB) Additional Information: full citation

35 Subwavelength optical lithography: challenges and impact on physical design
A. B. Kahng, Y. C. Pati
April 1999 **Proceedings of the 1999 international symposium on Physical design**
Publisher: ACM Press
Full text available: pdf(1.30 MB) Additional Information: full citation, references, citings, index terms

36 Feature generation in concurrent engineering environment

Hyowon Suh, Rashpal S. Ahluwalia, James E. Miller

May 1991 **Proceedings of the first ACM symposium on Solid modeling foundations and CAD/CAM applications**

Publisher: ACM Press

Full text available: pdf(809.56 KB) Additional Information: full citation, references, index terms

37 Shortest paths on a polyhedron

Jindong Chen, Yijie Han

May 1990 **Proceedings of the sixth annual symposium on Computational geometry**

Publisher: ACM Press

Full text available: pdf(809.42 KB) Additional Information: full citation, abstract, references, citings, index terms

We present an algorithm for determining the shortest path between a source point and any destination point along the surface of a polyhedron (need not be convex). Our algorithm uses a new approach which deviates from the conventional "continuous Dijkstra" technique. It takes &Ogr;(n2) time and ⊖(n) space to determine the shortest path and to compute the inward layout which can be used to construct a s ...

38 Manufacturing feature instances: which ones to recognize?

Satyandra K. Gupta, William C. Regli, Dana S. Nau

December 1995 **Proceedings of the third ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available: pdf(1.16 MB) Additional Information: full citation, references, citings, index terms

39 Intelligent balloon: a subdivision-based deformable model for surface reconstruction of arbitrary topology

Ye Duan, Hong Qin

May 2001 **Proceedings of the sixth ACM symposium on Solid modeling and applications**

Publisher: ACM Press

Full text available: pdf(1.44 MB) Additional Information: full citation, abstract, references, citings, index terms

In this paper, we develop a novel subdivision-based model—Intelligent Balloon—which is capable of recovering arbitrary, complicated shape geometry as well as its unknown topology simultaneously. Our Intelligent Balloon is a parameterized subdivision surface whose geometry and its deformable behaviors are governed by the principle of energy minimization. Our algorithm starts from a simple seed model (of genus zero) that can be arbitrarily initiated by users within regions of intere ...

Keywords: biomedical applications, energy optimization, geometric and topological representations, reverse engineering

40 Separating an object from its cast

Hee-Kap Ahn, Mark de Berg, Prosenjit Bose, Siu-Wing Cheng, Dan Halperin, Jiří Matoušek, Otfried Schwarzkopf

August 1997 **Proceedings of the thirteenth annual symposium on Computational geometry**

Publisher: ACM Press

SCIENCE DIRECT Register or Login: user name Password: Go Athens/Institution Log

Home | Search | Journals | Books | Abstract Databases | My Profile | Alerts | Help

Quick Search: within All Full-text Sources Go Search Tips

results **1 - 45**

45 Articles Found

pub-date > 1991 and pub-date < 2004 and product w/15 model*** and manufacturing w/15 regio faces and edges

Edit Search | Save Search | Save as Search Alert Search Withi

Article List | Partial Abstracts | Full Abstracts

display checked docs | e-mail articles | export citations Sort By: Date Go

1. **Convergence and polarization in global income levels: a review of recent results on the role of international technology diffusion** • ARTICLE
Research Policy, Volume 32, Issue 6, June 2003, Pages 1055-1079
Guan Gong and Wolfgang Keller
SummaryPlus | Full Text + Links | PDF (238 K)

2. **Monolithic integrated fuel processor for the conversion of liquid methanol** • ARTICLE
Catalysis Today, Volumes 79-80, 30 April 2003, Pages 511-520
M. Schuessler, M. Portscher and U. Limbeck
Abstract | PDF (308 K)

3. **A note on the use of STEP for interfacing design to process planning** • ARTICLE
Computer-Aided Design, Volume 34, Issue 14, 1 December 2002, Pages 1075-1085
T. Dereli and H. Filiz
SummaryPlus | Full Text + Links | PDF (546 K)

4. **Impact of advanced manufacturing technology on organizational structure** • ARTICLE
The Journal of High Technology Management Research, Volume 13, Issue 2, Autumn 2002, Pages 157-175
K. Abdul Ghani, V. Jayabalan and M. Sugumar
SummaryPlus | Full Text + Links | PDF (270 K)

5. **The effects of country and industry on implementing value chain cost analysis** • ARTICLE
The International Journal of Accounting, Volume 37, Issue 1, 2002, Pages 123-140
C. Janie Chang and Nen-Chen Richard Hwang
SummaryPlus | Full Text + Links | PDF (113 K)

6. **US manufacturing extension partnerships: technology policy reinvented?** • ARTICLE
Research Policy, Volume 30, Issue 6, June 2001, Pages 977-992
Philip Shapira
SummaryPlus | Full Text + Links | PDF (111 K)

7. ☐ **The Millennium Project:: Challenges We Face at the Millennium** • ARTICLE
Technological Forecasting and Social Change, Volume 66, Issues 2-3, March 2001, Pages 129-312
Jerome C. Glenn and Theodore J. Gordon
SummaryPlus | Full Text + Links | PDF (1490 K)

8. ☐ **The low stress design of welded plates using the self-designing structures approach** • ARTICLE
Computers & Structures, Volume 78, Issues 1-3, November 2000, Pages 487-496
J. W. Bull, C. H. Woodford, W. C. Christie, E. Neau and M. N. James
SummaryPlus | Full Text + Links | PDF (171 K)

9. ☐ **Cecsa** • ARTICLE
Journal of Business Research, Volume 50, Issue 1, October 2000, Pages 111-121
Guillermo D. Selva
SummaryPlus | Full Text + Links | PDF (112 K)

10. ☐ **The Behavior of Manufacturing Firms Under the New Economic Model** • ARTICLE
World Development, Volume 28, Issue 9, September 2000, Pages 1597-1610
Carla Macario
SummaryPlus | Full Text + Links | PDF (112 K)

11. ☐ **Operations strategy, environmental uncertainty and performance: a path analytic model of industries in developing countries** • ARTICLE
Omega, Volume 28, Issue 2, April 2000, Pages 155-173
Masood A. Badri, Donald Davis and Donna Davis
SummaryPlus | Full Text + Links | PDF (364 K)

12. ☐ **The impact of new manufacturing requirements on production line productivity and quality at a focused factory** • ARTICLE
Journal of Operations Management, Volume 18, Issue 2, February 2000, Pages 139-168
Ashok Mukherjee, Will Mitchell and F. Brian Talbot
SummaryPlus | Full Text + Links | PDF (306 K)

13. ☐ **Work force management practices for manufacturing flexibility** • ARTICLE
Journal of Operations Management, Volume 18, Issue 1, December 1999, Pages 21-39
Ravi Kathuria and Fariborz Y. Partovi
SummaryPlus | Full Text + Links | PDF (133 K)

14. ☐ **Lean launch: managing product introduction risk through response-based logistics** • ARTICLE
Journal of Product Innovation Management, Volume 16, Issue 6, November 1999, Pages 557-568
Donald J. Bowersox, Theodore P. Stank and Patricia J. Daugherty
Abstract

15. ☐ **Metropolitan governance and strategic planning: a review of experience in Manchester, Melbourne and Toronto** • REVIEW ARTICLE
Progress in Planning, Volume 52, Issue 1, 1 July 1999, Pages 1-100

Gwyndaf Williams
SummaryPlus | Full Text + Links | PDF (620 K)

16. ☐ **International trade and industrial upgrading in the apparel commodity chain** • ARTICLE
Journal of International Economics, Volume 48, Issue 1, June 1999, Pages 37-70
Gary Gereffi
SummaryPlus | Full Text + Links | PDF (264 K)

17. ☐ **Public research and industrial innovations in Germany** • ARTICLE
Research Policy, Volume 28, Issue 4, April 1999, Pages 397-422
Marian Beise and Harald Stahl
SummaryPlus | Full Text + Links | PDF (340 K)

18. ☐ **A model for an integrated manufacturing system implementation in China: a case study** • ARTICLE
Journal of Engineering and Technology Management, Volume 16, Issue 1, March 1999, Pages 83-101
Henry C. Tseng, W. H. Ip and K. C. Ng
SummaryPlus | Full Text + Links | PDF (1702 K)

19. ☐ **Application of virtual convex polytope in transforming protrusions for automated process planning** • ARTICLE
Computers & Industrial Engineering, Volume 36, Issue 1, January 1999, Pages 67-96
Yuan-Shin Lee, Dhaval M. Daftari and Prakash Krishnaswami
SummaryPlus | Full Text + Links | PDF (1467 K)

20. ☐ **Re-thinking economic development in peripheral regions** • ARTICLE
The Social Science Journal, Volume 36, Issue 4, 1999, Pages 623-639
Jay D. Gatrell
SummaryPlus | Full Text + Links | PDF (172 K)

21. ☐ **Socioeconomic and environmental covariates of premature mortality in Ontario** • ARTICLE
Social Science & Medicine, Volume 47, Issue 1, 1 July 1998, Pages 33-49
Michael Jerrett, John Eyles and Donald Cole
SummaryPlus | Full Text + Links | PDF (445 K)

22. ☐ **An empirical investigation of the antecedents and consequences of manufacturing goal achievement in North American, European and Pan Pacific firms** • ARTICLE
Journal of Operations Management, Volume 16, Issues 2-3, May 1998, Pages 159-176
Ram Narasimhan and Jayanth Jayaram
SummaryPlus | Full Text + Links | PDF (194 K)

23. ☐ **Computer simulation of interfaces: What do we need to know?** • ARTICLE
Acta Materialia, Volume 46, Issue 7, 10 April 1998, Pages 2255-2261
A. M. Stoneham and J. H. Harding
Abstract | Abstract + References | PDF (855 K)

24. ☐ **Organization of new product development in Thailand' food processing industry** • ARTICLE
The International Food and Agribusiness Management Review, Volume 1, Issue 2, 1998, Pages 195-226
Prisana Suwannaporn and Mark Speece
Abstract | Abstract + References | PDF (1919 K)

25. ☐ **China and Taiwan access to the World Trade Organization: implications for U.S. agriculture and trade** • ARTICLE
Agricultural Economics, Volume 17, Issues 2-3, December 1997, Pages 239-264
Zhi Wang
Abstract

26. ☐ **Innovation paths in product development: An empirical research** • ARTICLE
International Journal of Production Economics, Volume 51, Issues 1-2, 15 August 1997, Pages 1-17
Mario Calderini and Marco Cantamessa
Abstract | Abstract + References | PDF (1755 K)

27. ☐ **Classification problems in manufacturing of sheet metal parts** • ARTICLE
Computers in Industry, Volume 33, Issue 1, August 1997, Pages 17-30
W. Greska, V. Franke and M. Geiger
Abstract | Abstract + References | PDF (1190 K)

28. ☐ **Recognizing $2\frac{1}{2}$D shape features using a neural network and heuristics** • ARTICLE
Computer-Aided Design, Volume 29, Issue 7, July 1997, Pages 523-539
Konstantinos Nezis and George Vosniakos
Abstract | Abstract + References | PDF (2278 K)

29. ☐ **Modelling turned components with non-axisymmetric features** • ARTICLE
Computer-Aided Design, Volume 29, Issue 5, May 1997, Pages 343-359
ARO Guerra and S Hinduja
Abstract | Abstract + References | PDF (2281 K)

30. ☐ **An assessment of data formats for layered manufacturing** • ARTICLE
Advances in Engineering Software, Volume 28, Issue 3, April 1997, Pages 151-164
Vinod Kumar and Debasish Dutta
Abstract | Abstract + References | PDF (1678 K)

31. ☐ **Operations Research applications: Opportunities and accomplishments** • ARTICLE
European Journal of Operational Research, Volume 97, Issue 2, 1 March 1997, Pages 220-244
Hanan Luss and Moshe B. Rosenwein
Abstract | Abstract + References | PDF (2220 K)

32. ☐ **A vision-aided reverse engineering approach to reconstructing free-form surfaces** • ARTICLE
Robotics and Computer-Integrated Manufacturing, Volume 13, Issue 4, March 1997, Pages 323-336

Liang-Chia Chen and Grier C. I. Lin
Abstract | Abstract + References | PDF (1794 K)

33. ☐ **Feature-composition approach to planning and machining of generic virtual pockets** • ARTICLE
Computers in Industry, Volume 31, Issue 2, 1 November 1996, Pages 99-128
Yuan-Shin Lee and Dhaval Daftari
Abstract | Abstract + References | PDF (4221 K)

34. ☐ **North-South knowledge spillovers and competition: convergence versus divergence** • ARTICLE
Journal of Development Economics, Volume 50, Issue 2, August 1996, Pages 213-232
Theo van de Klundert and Sjak Smulders
Abstract | Abstract + References | PDF (921 K)

35. ☐ **Manufacturing technology and the supply chain : Linking buyer-supplier relationships and advanced manufacturing technology** • ARTICLE
European Journal of Purchasing & Supply Management, Volume 2, Issue 1, March 1996, Pages 31-38
H. K. Gules and T. F. Burgess
Abstract | Abstract + References | PDF (762 K)

36. ☐ **Information technology and global developments in manufacturing: The implications for human factors input** • ARTICLE
International Journal of Industrial Ergonomics, Volume 16, Issues 4-6, October 1995, Pages 245-262
C. E. Siemieniuch and M. A. Sinclair
Abstract | Abstract + References | PDF (1543 K)

37. ☐ **A framework for model and product family competition** • ARTICLE
Research Policy, Volume 24, Issue 4, July 1995, Pages 583-607
Mustafa Uzumeri and Susan Sanderson
Abstract | Abstract + References | PDF (2052 K)

38. ☐ **East Asian latecomer firms: Learning the technology of electronics** • ARTICLE
World Development, Volume 23, Issue 7, July 1995, Pages 1171-1193
Mike Hobday
Abstract | Abstract + References | PDF (2631 K)

39. ☐ **From inspection to process understanding and monitoring: a view on computer vision in manufacturing** • ARTICLE
Image and Vision Computing, Volume 13, Issue 3, April 1995, Pages 197-214
J Alison Noble
Abstract | Abstract + References | PDF (2514 K)

40. ☐ **Future manufacturing systems—Towards the extended enterprise** • ARTICLE
Computers in Industry, Volume 25, Issue 3, March 1995, Pages 235-254
J. Browne, P. J. Sackett and J. C. Wortmann
Abstract | Abstract + References | PDF (1991 K)

41. ☐ **Managing international organisations: Lessons from the field** • ARTICLE
European Management Journal, Volume 12, Issue 4, December 1994, Pages 417-431
Ian TurnerIan Henry
Abstract

42. ☐ **Separation of disconnected machining regions on the basis of a CSG model** • ARTICLE
Computer-Aided Design, Volume 26, Issue 1, January 1994, Pages 46-58
M. Shpitalni and A. Fischer
Abstract

43. ☐ **Materials processing: unleashing the power of computer simulations** • ARTICLE
Computational Materials Science, Volume 2, Issue 1, January 1994, Pages 49-62
G. H. Gilmer
Abstract

44. ☐ **Integration methodology for feature-based modeling and recognition** • ARTICLE
Advances in Engineering Software, Volume 20, Issues 2-3, 1994, Pages 75-89
Heedong Ko and Myon-woong Park
Abstract

45. ☐ **The marketing-manufacturing interface and manufacturing flexibility** • ARTICLE
Omega, Volume 20, Issue 4, July 1992, Pages 431-443
IJ ChenRJ CalantoneC-H Chung
Abstract

45 Articles Found

pub-date > 1991 and pub-date < 2004 and product w/15 model*** and manufacturing w/15 region* and faces and edges

Edit Search | Save Search | Save as Search Alert

results **1 - 45**

Contact Us | Terms & Conditions | Privacy Policy

Copyright © 2006 Elsevier B.V. All rights reserved. ScienceDirect® is a registered trademark of Elsevier B.V.

WEST Search History

Hide Items | Restore | Clear | Cancel

DATE: Monday, June 05, 2006

Hide?	Set Name	Query	Hit Count
	DB=PGPB,USPT; THES=ASSIGNEE; PLUR=YES; OP=ADJ		
☐	L4	(product with model$) and (manufacturing same region?) and (faces same edges)	18
☐	L3	L2 and (product with model) and (manufacturing same region?)	21
☐	L2	model and manufactur$ and face? and edge?	14536
☐	L1	wan.in. and model and manufactur$ and face?	13

END OF SEARCH HISTORY

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 13 of 13 returned.

☐ 1. Document ID: US 20050209868 A1

Using default format because multiple data bases are involved.

L1: Entry 1 of 13 File: PGPB Sep 22, 2005

PGPUB-DOCUMENT-NUMBER: 20050209868
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050209868 A1

TITLE: Real-time sales support and learning tool

PUBLICATION-DATE: September 22, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wan, Dadong	Palatine	IL	US
Groon, J.C.	Chicago	IL	US
Marwaha, Harpreet	St. Charles	IL	US
Singh, Mitu	Glendale Heights	IL	US

US-CL-CURRENT: 705/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 2. Document ID: US 20050122463 A1

L1: Entry 2 of 13 File: PGPB Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050122463
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050122463 A1

TITLE: System and method for manufacturing liquid crystal display devices

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Byun, Yong Sang	Kumi-shi		KR
Park, Moo Yeo	Taegu-kwangyokshi		KR
Jung, Sung Su	Taegu-kwangyokshi		KR
Kang, Sung Chun	Kumi-shi		KR

Kim, Jong Woo	Kyungsanghui-do	KR
Jeung, Young Hun	Kumi-shi	KR
Lee, Sang Seok	Taegu-kwangyokshi	KR
Park, Sang Ho	Pusan-kwangyokshi	KR
Choo, Hun Jun	Kumi-shi	KR
Kweon, Hyug Jin	Kumi-shi	KR
Chae, Kyung Su	Kumi-shi	KR
Son, Hae Joon	Kyonsangbuk-do	KR
Shin, Sang Sun	Pohang-shi	KR
Lim, Jong Go	Kyonsangbuk-do	KR
Kim, Wan Soo	Arryang-shi	KR
Jeung, Young Hun	Youngcheon-shi	KR
Ryu, Joung Ho	Kumi-shi	KR
Uh, Ji Heum	Seoul	KR
Lee, Im Su	Taegu-kwangyokshi	KR

US-CL-CURRENT: 349/187; 349/190

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 3. Document ID: US 20050122101 A1

L1: Entry 3 of 13 File: PGPB Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050122101
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050122101 A1

TITLE: Single package design for 3-axis magnetic sensor

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Bohlinger, Michael J.	Minnetonka	MN	US
Wan, Hong	Plymouth	MN	US

US-CL-CURRENT: 324/252

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 4. Document ID: US 20050122100 A1

L1: Entry 4 of 13 File: PGPB Jun 9, 2005

PGPUB-DOCUMENT-NUMBER: 20050122100
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050122100 A1

TITLE: Vertical die chip-on-board

PUBLICATION-DATE: June 9, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wan, Hong	Plymouth	MN	US
Jensen, Ronald J.	Bloomington	MN	US
Bohlinger, Michael J.	Minnetonka	MN	US
Bratland, Tamara K.	Plymouth	MN	US

US-CL-CURRENT: 324/247; 29/592.1, 324/260, 324/262

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 5. Document ID: US 20050107994 A1

L1: Entry 5 of 13 File: PGPB May 19, 2005

PGPUB-DOCUMENT-NUMBER: 20050107994
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050107994 A1

TITLE: System, method, and computer program product for determining wall thickness in graphic model

PUBLICATION-DATE: May 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wan, Jun	Cerritos	CA	US
Chong, Chee-Keong	Irvine	CA	US
Li, Zhi	Cypress	CA	US

US-CL-CURRENT: 703/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 6. Document ID: US 20040260620 A1

L1: Entry 6 of 13 File: PGPB Dec 23, 2004

PGPUB-DOCUMENT-NUMBER: 20040260620
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040260620 A1

TITLE: Storepath for sharing commerce assets

PUBLICATION-DATE: December 23, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Dunn, Robert M. H.	Toronto		CA
Chan, Victor S.	Thornhill		CA
Lam, Brenda M.	North York		CA
Lee, Wan Ngai W.	North York		CA
Mirlas, Lev	Thornhill		CA
Yu, Paul K. H.	Toronto		CA

US-CL-CURRENT: 705/26

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 7. Document ID: US 20040050934 A1

L1: Entry 7 of 13 File: PGPB Mar 18, 2004

PGPUB-DOCUMENT-NUMBER: 20040050934
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040050934 A1

TITLE: Memory card adapter structure

PUBLICATION-DATE: March 18, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Andy	HsinDian City		TW
Lu, Lien-Wan	Tao Yuan Hsien		TW

US-CL-CURRENT: 235/441

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 8. Document ID: US 20030219814 A1

L1: Entry 8 of 13 File: PGPB Nov 27, 2003

PGPUB-DOCUMENT-NUMBER: 20030219814
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030219814 A1

TITLE: Novel fluorescent proteins

PUBLICATION-DATE: November 27, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Wan, David Chi-Cheong	Shatin, N.T.		HK
Ip, Denis Tsz-Ming	Shatin, N.T.		HK

US-CL-CURRENT: 435/6; 435/7.1, 530/322, 530/330, 536/23.1, 536/53

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 9. Document ID: US 20030200930 A1

L1: Entry 9 of 13 File: PGPB Oct 30, 2003

PGPUB-DOCUMENT-NUMBER: 20030200930
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030200930 A1

TITLE: Apparatus for ion beam implantation

PUBLICATION-DATE: October 30, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Jiong	San Jose	CA	US
Wan, Zhimin	Sunnyvale	CA	US

US-CL-CURRENT: 118/723FI

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 10. Document ID: US 20030052319 A1

L1: Entry 10 of 13 File: PGPB Mar 20, 2003

PGPUB-DOCUMENT-NUMBER: 20030052319
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030052319 A1

TITLE: Fixture for multiple known good die processing

PUBLICATION-DATE: March 20, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chen, Hsing-Hsin	Taipei Hsien	CA	TW
Chee, Wan Soo	Davis		US

US-CL-CURRENT: 257/48

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 11. Document ID: US 20020064766 A1

L1: Entry 11 of 13 File: PGPB May 30, 2002

PGPUB-DOCUMENT-NUMBER: 20020064766
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020064766 A1

TITLE: Method and apparatus for managing enterprise employee training systems

PUBLICATION-DATE: May 30, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Cozens, Kerri	Milpitas	CA	US
Lobo, Brenda	San Jose	CA	US
Romanovsky, Eugenia	Palo Alto	CA	US
Wan, Suzie	South San Francisco	CA	US
Wolf, Cecilia	Danville	CA	US
Hayes, Lawrence J.	Westwood	MA	US
Lau, Frankie	Pleasanton	CA	US
Miller, James R.	Los Altos	CA	US
Tanglao, Minerva	San Jose	CA	US

US-CL-CURRENT: 434/350

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 12. Document ID: US 6918351 B2

L1: Entry 12 of 13 File: USPT Jul 19, 2005

US-PAT-NO: 6918351
DOCUMENT-IDENTIFIER: US 6918351 B2

TITLE: Apparatus for ion beam implantation

DATE-ISSUED: July 19, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chen; Jiong	San Jose	CA		
Wan; Zhimin	Sunnyvale	CA		

US-CL-CURRENT: 118/723CB; 118/723EB, 118/723FE, 250/492.21, 250/492.23

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 13. Document ID: US 4205809 A

L1: Entry 13 of 13 File: USPT Jun 3, 1980

US-PAT-NO: 4205809
DOCUMENT-IDENTIFIER: US 4205809 A

TITLE: Tape cassette

DATE-ISSUED: June 3, 1980

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lau; Wan-Yuen	Kowloon			HK

US-CL-CURRENT: 360/130.33; 242/346

Term	Documents
WAN	60588
WANS	7511
MODEL	585288
MODELS	189684
MANUFACTUR$	0
MANUFACTUR	127
MANUFACTURA	3
MANUFACTURAB	1
MANUFACTURABE	1
MANUFACTURABIITY	2
MANUFACTURABILITIES	2
(WAN.IN. AND MODEL AND MANUFACTUR$ AND FACE?).PGPB,USPT.	13

There are more results than shown above. Click here to view the entire set.

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 20 of 21 returned.

☐ 1. Document ID: US 20060106485 A1

Using default format because multiple data bases are involved.

L3: Entry 1 of 21 File: PGPB May 18, 2006

PGPUB-DOCUMENT-NUMBER: 20060106485
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060106485 A1

TITLE: Enhanced digital process design methodology for process centric CAD systems

PUBLICATION-DATE: May 18, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers; Diane M.	Frankenmuth	MI	US
Templin; Ralph L.	Eastpointe	MI	US

US-CL-CURRENT: 700/182; 700/98

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 2. Document ID: US 20050184086 A1

L3: Entry 2 of 21 File: PGPB Aug 25, 2005

PGPUB-DOCUMENT-NUMBER: 20050184086
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050184086 A1

TITLE: Method and system for supporting and/or aligning components of a liquid dispensing system

PUBLICATION-DATE: August 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Raterman, John M.	Atlanta	GA	US
Chastine, Christopher R.	Hoschton	GA	US
Chouinard, Alain	Laval	GA	CA
Craig, Greg A.	Dallas	GA	US
Pullagura, David	Norcross	GA	US

Tinaglia, Matthew R. Suwanee US

US-CL-CURRENT: 222/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 3. Document ID: US 20040249809 A1

L3: Entry 3 of 21 File: PGPB Dec 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040249809
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040249809 A1

TITLE: Methods, systems, and data structures for performing searches on three dimensional objects

PUBLICATION-DATE: December 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ramani, Karthik	West Lafayette	IN	US
Iyer, Natraj	West Lafayette	IN	US
Lou, Kuiyang	West Lafayette	IN	US
Jayanti, Subramaniam	Lafayette	IN	US

US-CL-CURRENT: 707/4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 4. Document ID: US 20040153296 A1

L3: Entry 4 of 21 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153296
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153296 A1

TITLE: Horizontally structured CAD/CAM coordinate system

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Muscott, Bradley T.	Saginaw	MI	US
Andrews, Ronnie L.	Saginaw	MI	US

US-CL-CURRENT: 703/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 5. Document ID: US 20040153202 A1

L3: Entry 5 of 21 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153202
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153202 A1

TITLE: Horizontally structured manufacturing process modeling: across file feature operability

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Khurana, Pravin	Rochester	MI	US
Muscott, Bradley T.	Saginaw	MI	US

US-CL-CURRENT: 700/182

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 6. Document ID: US 20040153201 A1

L3: Entry 6 of 21 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153201
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153201 A1

TITLE: Horizontally structured CAD/CAM coordinate system for manufacturing design

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Muscott, Bradley T.	Saginaw	MI	US
Khurana, Pravin	Rochester	MI	US

US-CL-CURRENT: 700/182

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 7. Document ID: US 20040153200 A1

L3: Entry 7 of 21 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153200
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153200 A1

TITLE: Horizontally structured manufacturing process modeling: exterior linked representational embodiment

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Khurana, Pravin	Rochester	MI	US
Muscott, Bradley T.	Saginaw	MI	US

US-CL-CURRENT: 700/182

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 8. Document ID: US 20030074880 A1

L3: Entry 8 of 21 File: PGPB Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030074880
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030074880 A1

TITLE: Ornamental jewelry rope chain link element

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chia, Meang K.	Los Angeles	CA	US
Chia, Cheo K.	Los Angeles	CA	US
Chia, Huy K.	Los Angeles	CA	US

US-CL-CURRENT: 59/35.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 9. Document ID: US 7047721 B2

L3: Entry 9 of 21 File: USPT May 23, 2006

US-PAT-NO: 7047721
DOCUMENT-IDENTIFIER: US 7047721 B2

TITLE: Jewelry rope chain link element and methods of manufacture

DATE-ISSUED: May 23, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20020035828 A1	March 28, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chia; Meang K.	Los Angeles	CA	90014	US
Chia; Cheo K.	Los Angeles	CA	90014	US
Chia; Huy K.	Los Angeles	CA	90014	US

US-CL-CURRENT: 59/80; 59/35.1, 59/82

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 10. Document ID: US 6985793 B2

L3: Entry 10 of 21 File: USPT Jan 10, 2006

US-PAT-NO: 6985793
DOCUMENT-IDENTIFIER: US 6985793 B2

TITLE: Horizontally structured CAD/CAM coordinate system for manufacturing design

DATE-ISSUED: January 10, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040153201 A1	August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landers; Diane M.	Frankenmouth	MI		US
Muscott; Bradley T.	Saginaw	MI		US
Khurana; Pravin	Rochester	MI		US

US-CL-CURRENT: 700/182; 700/104, 700/118, 700/97, 703/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 11. Document ID: US 6950719 B2

L3: Entry 11 of 21 File: USPT Sep 27, 2005

US-PAT-NO: 6950719
DOCUMENT-IDENTIFIER: US 6950719 B2

TITLE: Horizontally structured manufacturing process modeling: across file feature operability

DATE-ISSUED: September 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landers; Diane M.	Frankenmouth	MI		
Khurana; Pravin	Rochester	MI		
Muscott; Bradley T.	Saginaw	MI		

US-CL-CURRENT: 700/182; 700/98, 703/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 12. Document ID: US 6840449 B2

L3: Entry 12 of 21 File: USPT Jan 11, 2005

US-PAT-NO: 6840449
DOCUMENT-IDENTIFIER: US 6840449 B2

TITLE: Laser scanning system having multiple laser scanning stations for producing a 3-D scanning volume substantially free of spatially and temporally coincident scanning planes

DATE-ISSUED: January 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Check; Frank	San Jose	CA		
Dickson; LeRoy	Morgan Hill	CA		
Groot; John	San Jose	CA		
Knowles; C. Harry	Moorestown	NJ		

US-CL-CURRENT: 235/462.01; 235/472.01

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 13. Document ID: US 6829882 B2

L3: Entry 13 of 21 File: USPT Dec 14, 2004

US-PAT-NO: 6829882
DOCUMENT-IDENTIFIER: US 6829882 B2

TITLE: Ornamental jewelry rope chain link element

DATE-ISSUED: December 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chia; Meang K.	Los Angeles	CA	90014	
Chia; Cheo K.	Los Angeles	CA	90014	
Chia; Huy K.	Los Angeles	CA	90014	

US-CL-CURRENT: 59/80; 59/3, 59/82

☐ 14. Document ID: US 6754556 B1

L3: Entry 14 of 21 File: USPT Jun 22, 2004

US-PAT-NO: 6754556
DOCUMENT-IDENTIFIER: US 6754556 B1

TITLE: Horizontally structured manufacturing process modeling: enhancement to multiple master process models and across file feature operability

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landers; Diane M.	Frankenmouth	MI	48734	
Templin; Ralph L.	Clinton Township	MI	48035	

US-CL-CURRENT: 700/182; 700/98

☐ 15. Document ID: US 6532725 B1

L3: Entry 15 of 21 File: USPT Mar 18, 2003

US-PAT-NO: 6532725
DOCUMENT-IDENTIFIER: US 6532725 B1

TITLE: Ornamental jewelry rope chain link element

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chia; Meang K.	Los Angeles	CA	90014	
Chia; Cheo K.	Los Angeles	CA	90014	
Chia; Huy K.	Los Angeles	CA	90014	

US-CL-CURRENT: 59/35.1; 59/80, D11/13

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 16. Document ID: US 5843279 A

L3: Entry 16 of 21 File: USPT Dec 1, 1998

US-PAT-NO: 5843279
DOCUMENT-IDENTIFIER: US 5843279 A
**** See image for Certificate of Correction ****

TITLE: Cellulosic fibrous structures having at least three regions distinguished by intensive properties

DATE-ISSUED: December 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Phan; Dean Van	Cincinnati	OH		
Trokhan; Paul Dennis	Hamilton	OH		

US-CL-CURRENT: 162/109; 428/131, 428/218

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 17. Document ID: US 5804281 A

L3: Entry 17 of 21 File: USPT Sep 8, 1998

US-PAT-NO: 5804281
DOCUMENT-IDENTIFIER: US 5804281 A
**** See image for Certificate of Correction ****

TITLE: Cellulosic fibrous structures having at least three regions distinguished by intensive properties

DATE-ISSUED: September 8, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Phan; Dean Van	Cincinnati	OH		
Trokhan; Paul Dennis	Hamilton	OH		

US-CL-CURRENT: 428/137; 428/131, 428/138, 428/139, 428/166

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 18. Document ID: US 5614061 A

L3: Entry 18 of 21 File: USPT Mar 25, 1997

US-PAT-NO: 5614061
DOCUMENT-IDENTIFIER: US 5614061 A
**** See image for Certificate of Correction ****

TITLE: Apparatus for forming a cellulosic fibrous structures having at least three regions distinguished by intensive properties

DATE-ISSUED: March 25, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Phan; Dean	Cincinnati	OH		
Trokhan; Paul D.	Hamilton	OH		

US-CL-CURRENT: 162/109; 162/115, 162/290, 162/291, 162/362

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 19. Document ID: US 5443691 A

L3: Entry 19 of 21 File: USPT Aug 22, 1995

US-PAT-NO: 5443691
DOCUMENT-IDENTIFIER: US 5443691 A
**** See image for Certificate of Correction ****

TITLE: Method for making cellulosic fibrous structures having at least three regions distinguished by intensive properties

DATE-ISSUED: August 22, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Phan; Dean V.	Cincinnati	OH		
Trokhan; Paul D.	Hamilton	OH		

US-CL-CURRENT: 162/115; 162/109, 162/116, 162/361, 162/362

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 20. Document ID: US 5277761 A

L3: Entry 20 of 21 File: USPT Jan 11, 1994

US-PAT-NO: 5277761
DOCUMENT-IDENTIFIER: US 5277761 A
**** See image for Certificate of Correction ****

TITLE: Cellulosic fibrous structures having at least three regions distinguished by intensive properties

DATE-ISSUED: January 11, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Van Phan; Dean	Cincinnati	OH		
Trokhan; Paul D.	Hamilton	OH		

US-CL-CURRENT: 162/109; 162/111, 162/113, 162/116, 428/153

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
PRODUCT	1363042
PROD	9819
PRODS	404
PRODUCTS	1055164
MODEL	585288
MODELS	189684
MANUFACTURING	881936
MFG	20175
REGION?	0
REGIONA	24
REGIONB	4
(L2 AND (PRODUCT WITH MODEL) AND (MANUFACTURING SAME REGION?)).PGPB,USPT.	21

There are more results than shown above. Click here to view the entire set.

Display Format: - Change Format

Previous Page Next Page Go to Doc#

Hit List

First Hit | Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Search Results - Record(s) 1 through 18 of 18 returned.

☐ 1. Document ID: US 20060106485 A1

Using default format because multiple data bases are involved.

L4: Entry 1 of 18 File: PGPB May 18, 2006

PGPUB-DOCUMENT-NUMBER: 20060106485
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060106485 A1

TITLE: Enhanced digital process design methodology for process centric CAD systems

PUBLICATION-DATE: May 18, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers; Diane M.	Frankenmuth	MI	US
Templin; Ralph L.	Eastpointe	MI	US

US-CL-CURRENT: 700/182; 700/98

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 2. Document ID: US 20050184086 A1

L4: Entry 2 of 18 File: PGPB Aug 25, 2005

PGPUB-DOCUMENT-NUMBER: 20050184086
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050184086 A1

TITLE: Method and system for supporting and/or aligning components of a liquid dispensing system

PUBLICATION-DATE: August 25, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Raterman, John M.	Atlanta	GA	US
Chastine, Christopher R.	Hoschton	GA	US
Chouinard, Alain	Laval	GA	CA
Craig, Greg A.	Dallas	GA	US
Pullagura, David	Norcross	GA	US

Tinaglia, Matthew R. Suwanee US

US-CL-CURRENT: 222/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 3. Document ID: US 20050172977 A1

L4: Entry 3 of 18 File: PGPB Aug 11, 2005

PGPUB-DOCUMENT-NUMBER: 20050172977
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050172977 A1

TITLE: LOW IGNITION PROPENSITY (LIP) PAPER SMOKING ARTICLES

PUBLICATION-DATE: August 11, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Jadot, Paul	Chapel Hill	NC	US
Badan, Claude	Mebane	NC	US

US-CL-CURRENT: 131/365

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 4. Document ID: US 20040249809 A1

L4: Entry 4 of 18 File: PGPB Dec 9, 2004

PGPUB-DOCUMENT-NUMBER: 20040249809
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040249809 A1

TITLE: Methods, systems, and data structures for performing searches on three dimensional objects

PUBLICATION-DATE: December 9, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Ramani, Karthik	West Lafayette	IN	US
Iyer, Natraj	West Lafayette	IN	US
Lou, Kuiyang	West Lafayette	IN	US
Jayanti, Subramaniam	Lafayette	IN	US

US-CL-CURRENT: 707/4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 5. Document ID: US 20040153296 A1

L4: Entry 5 of 18 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153296
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153296 A1

TITLE: Horizontally structured CAD/CAM coordinate system

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Muscott, Bradley T.	Saginaw	MI	US
Andrews, Ronnie L.	Saginaw	MI	US

US-CL-CURRENT: 703/2

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Drawi De

☐ 6. Document ID: US 20040153202 A1

L4: Entry 6 of 18 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153202
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153202 A1

TITLE: Horizontally structured manufacturing process modeling: across file feature operability

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Khurana, Pravin	Rochester	MI	US
Muscott, Bradley T.	Saginaw	MI	US

US-CL-CURRENT: 700/182

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Drawi De

☐ 7. Document ID: US 20040153201 A1

L4: Entry 7 of 18 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153201
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153201 A1

TITLE: Horizontally structured CAD/CAM coordinate system for manufacturing design

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Muscott, Bradley T.	Saginaw	MI	US
Khurana, Pravin	Rochester	MI	US

US-CL-CURRENT: 700/182

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 8. Document ID: US 20040153200 A1

L4: Entry 8 of 18 File: PGPB Aug 5, 2004

PGPUB-DOCUMENT-NUMBER: 20040153200
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040153200 A1

TITLE: Horizontally structured manufacturing process modeling: exterior linked representational embodiment

PUBLICATION-DATE: August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Landers, Diane M.	Frankenmuth	MI	US
Khurana, Pravin	Rochester	MI	US
Muscott, Bradley T.	Saginaw	MI	US

US-CL-CURRENT: 700/182

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 9. Document ID: US 20030074880 A1

L4: Entry 9 of 18 File: PGPB Apr 24, 2003

PGPUB-DOCUMENT-NUMBER: 20030074880
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20030074880 A1

TITLE: Ornamental jewelry rope chain link element

PUBLICATION-DATE: April 24, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chia, Meang K.	Los Angeles	CA	US
Chia, Cheo K.	Los Angeles	CA	US
Chia, Huy K.	Los Angeles	CA	US

US-CL-CURRENT: 59/35.1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 10. Document ID: US 20020189283 A1

L4: Entry 10 of 18 File: PGPB Dec 19, 2002

PGPUB-DOCUMENT-NUMBER: 20020189283
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020189283 A1

TITLE: Jewelry closed-link element, assembled chain, and method of manufacture

PUBLICATION-DATE: December 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Chia, Meang K.	Los Angeles	CA	US
Chia, Cheo K.	Los Angeles	CA	US
Chia, Huy K.	Los Angeles	CA	US

US-CL-CURRENT: 63/4

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw. De

☐ 11. Document ID: US 7008300 B1

L4: Entry 11 of 18 File: USPT Mar 7, 2006

US-PAT-NO: 7008300
DOCUMENT-IDENTIFIER: US 7008300 B1

TITLE: Advanced wafer refining

DATE-ISSUED: March 7, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Molnar; Charles J.	Wilmington	DE		US

US-CL-CURRENT: 451/41; 451/5, 451/6, 700/121

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 12. Document ID: US 6985793 B2

L4: Entry 12 of 18 File: USPT Jan 10, 2006

US-PAT-NO: 6985793
DOCUMENT-IDENTIFIER: US 6985793 B2

TITLE: Horizontally structured CAD/CAM coordinate system for manufacturing design

DATE-ISSUED: January 10, 2006

PRIOR-PUBLICATION:

DOC-ID	DATE
US 20040153201 A1	August 5, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landers; Diane M.	Frankenmouth	MI		US
Muscott; Bradley T.	Saginaw	MI		US
Khurana; Pravin	Rochester	MI		US

US-CL-CURRENT: 700/182; 700/104, 700/118, 700/97, 703/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 13. Document ID: US 6950719 B2

L4: Entry 13 of 18 File: USPT Sep 27, 2005

US-PAT-NO: 6950719
DOCUMENT-IDENTIFIER: US 6950719 B2

TITLE: Horizontally structured manufacturing process modeling: across file feature operability

DATE-ISSUED: September 27, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landers; Diane M.	Frankenmouth	MI		
Khurana; Pravin	Rochester	MI		
Muscott; Bradley T.	Saginaw	MI		

US-CL-CURRENT: 700/182; 700/98, 703/1

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 14. Document ID: US 6829882 B2

L4: Entry 14 of 18 File: USPT Dec 14, 2004

US-PAT-NO: 6829882
DOCUMENT-IDENTIFIER: US 6829882 B2

TITLE: Ornamental jewelry rope chain link element

DATE-ISSUED: December 14, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chia; Meang K.	Los Angeles	CA	90014	
Chia; Cheo K.	Los Angeles	CA	90014	
Chia; Huy K.	Los Angeles	CA	90014	

US-CL-CURRENT: 59/80; 59/3, 59/82

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 15. Document ID: US 6786032 B2

L4: Entry 15 of 18 File: USPT Sep 7, 2004

US-PAT-NO: 6786032
DOCUMENT-IDENTIFIER: US 6786032 B2

TITLE: Jewelry closed-link element, assembled chain, and method of manufacture

DATE-ISSUED: September 7, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chia; Meang K.	Los Angeles	CA	90014	
Chia; Cheo K.	Los Angeles	CA	90014	
Chia; Huy K.	Los Angeles	CA	90014	

US-CL-CURRENT: 59/35.1; 59/80, 59/82

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWMC | Draw De

☐ 16. Document ID: US 6754556 B1

L4: Entry 16 of 18 File: USPT Jun 22, 2004

US-PAT-NO: 6754556
DOCUMENT-IDENTIFIER: US 6754556 B1

TITLE: Horizontally structured manufacturing process modeling: enhancement to multiple master process models and across file feature operability

DATE-ISSUED: June 22, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Landers; Diane M.	Frankenmouth	MI	48734	
Templin; Ralph L.	Clinton Township	MI	48035	

US-CL-CURRENT: 700/182; 700/98

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 17. Document ID: US 6719615 B1

L4: Entry 17 of 18 File: USPT Apr 13, 2004

US-PAT-NO: 6719615
DOCUMENT-IDENTIFIER: US 6719615 B1

TITLE: Versatile wafer refining

DATE-ISSUED: April 13, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Molnar; Charles J.	Wilmington	DE		

US-CL-CURRENT: 451/41; 451/262, 451/28, 451/288

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

☐ 18. Document ID: US 6532725 B1

L4: Entry 18 of 18 File: USPT Mar 18, 2003

US-PAT-NO: 6532725
DOCUMENT-IDENTIFIER: US 6532725 B1

TITLE: Ornamental jewelry rope chain link element

DATE-ISSUED: March 18, 2003

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chia; Meang K.	Los Angeles	CA	90014	
Chia; Cheo K.	Los Angeles	CA	90014	
Chia; Huy K.	Los Angeles	CA	90014	

US-CL-CURRENT: 59/35.1; 59/80, D11/13

Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De

Clear | Generate Collection | Print | Fwd Refs | Bkwd Refs | Generate OACS

Term	Documents
PRODUCT	1363042
PROD	9819
PRODS	404
PRODUCTS	1055164
MANUFACTURING	881936
MFG	20175
FACES	472101
FACE	894330
EDGES	807225
EDGE	1270106
MODEL$	0
((PRODUCT WITH MODEL$) AND (MANUFACTURING SAME REGION?) AND (FACES SAME EDGES)).PGPB,USPT.	18

There are more results than shown above. Click here to view the entire set.

Display Format: - Change Format

Previous Page Next Page Go to Doc#